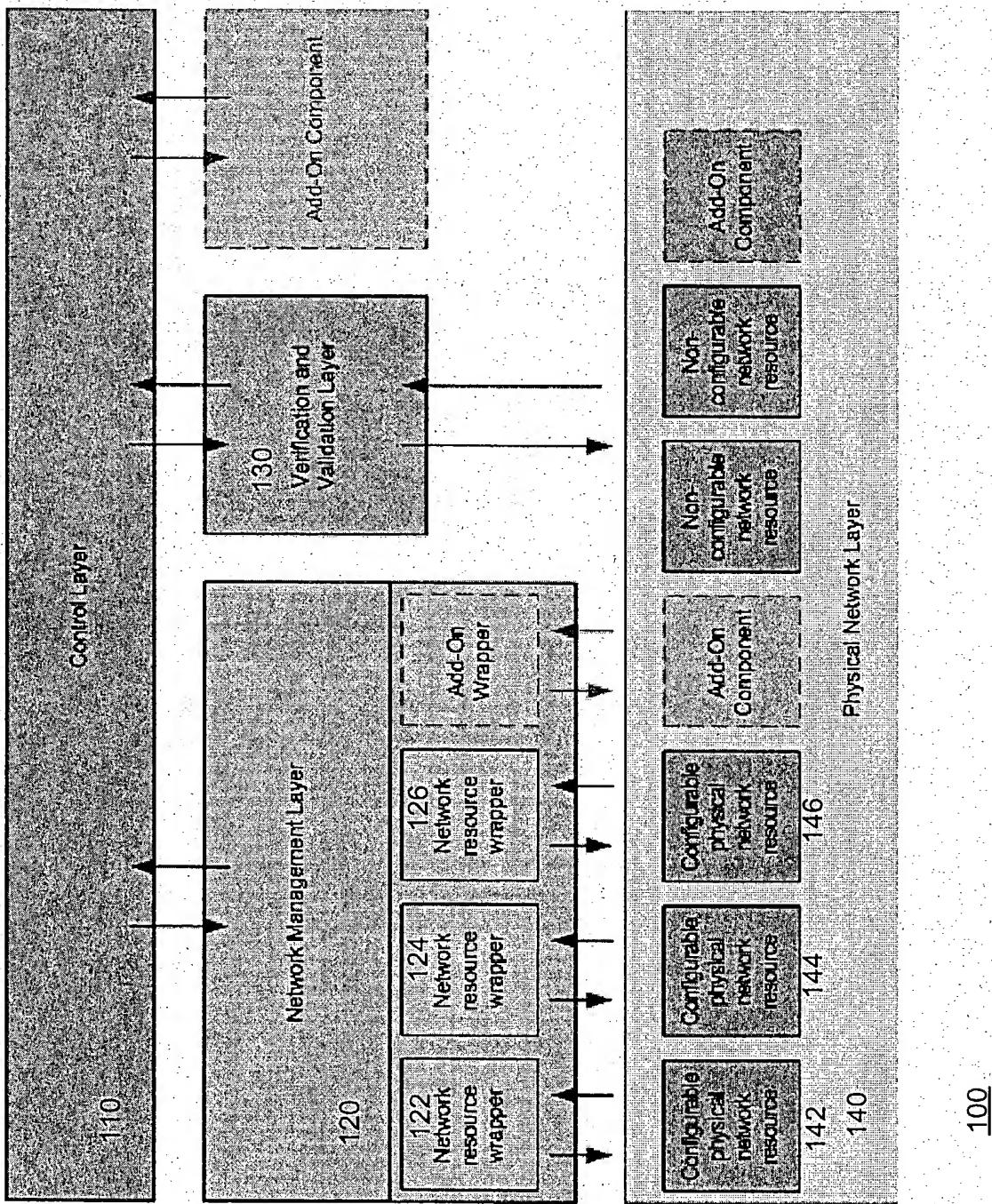


FIG. 1



202

[Dynamic Network Devices]

```
{ ## DeviceName    OS(WIN2K|WINXP_PRO)  
  ## MAC_Address  Subnet_suffix Card_type
```

204

[Non-Dynamic Network Devices]

```
#StaticDevName IPAddr1 ... IPAddrN
```

206

[Power Management Devices]

```
## HomeAddress (A-P)  
## DeviceCode (1-16) AssociatedDevice
```

208

[Hubs]

```
##HubName  
##AssociatedDevicesName
```

210

[VLAN Configuration]

```
##switchName switchIp switchPassword controlPort  
## Port Num (list of ports)  
## AssociatedDevice (list of devices)
```

212

[Routers]

```
{ ## routerName    password controlIP  
  ## interfaceType interface suffix
```

214

[DHCP Servers]

```
## dhcpServerName password controlInterface controlAddress subnet  
##      interface ipSuffix subnetMask routerSuffix
```

216

[Addressing Scheme]

```
## prefixType prefix
```

200

FIG. 2

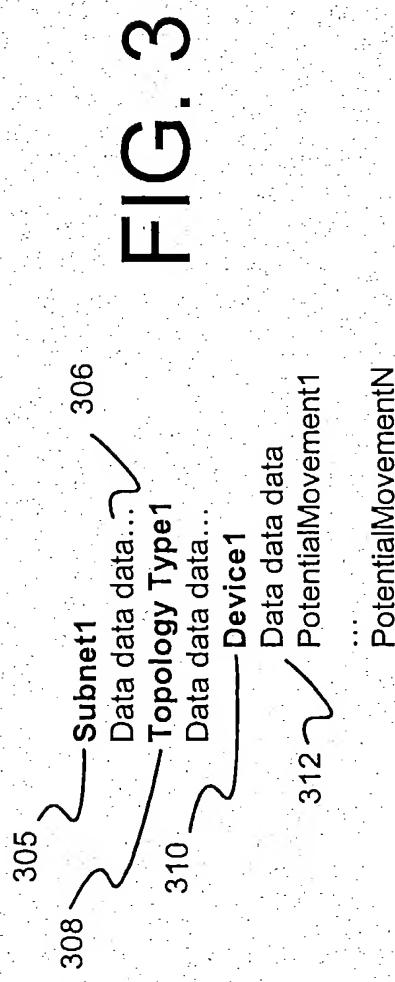


FIG. 3

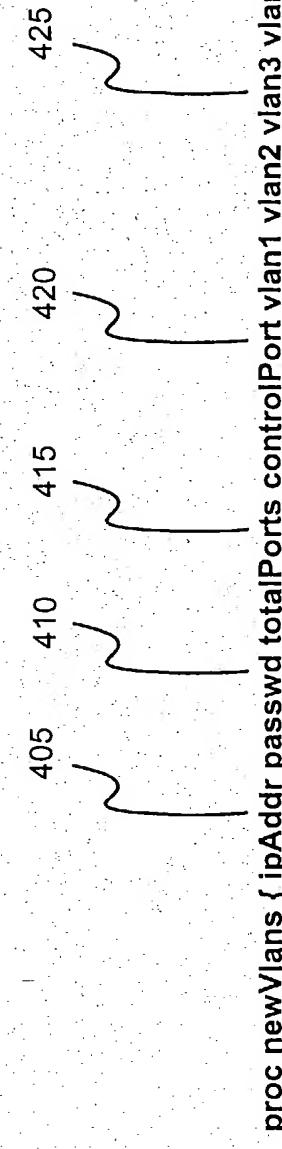


FIG. 4

proc newVlans { ipAddr passwd totalPorts controlPort vlan1 vlan2 vlan3 vlan4 }

400

505

SubnetGroupingType(internal, external)

515

SubnetSubsection1

Topology Type 1 (802.11a, 802.11b, etc)

...

520

Topology Type N (802.11a, 802.11b, etc)

...

SubnetSubsectionN

Topology Type 1 (802.11a, 802.11b, etc)

...

510

Topology Type N (802.11a, 802.11b, etc)

DeviceSection

"n" DeviceTypes StartLocation

{

{

{

525

530

535

500

FIG. 5

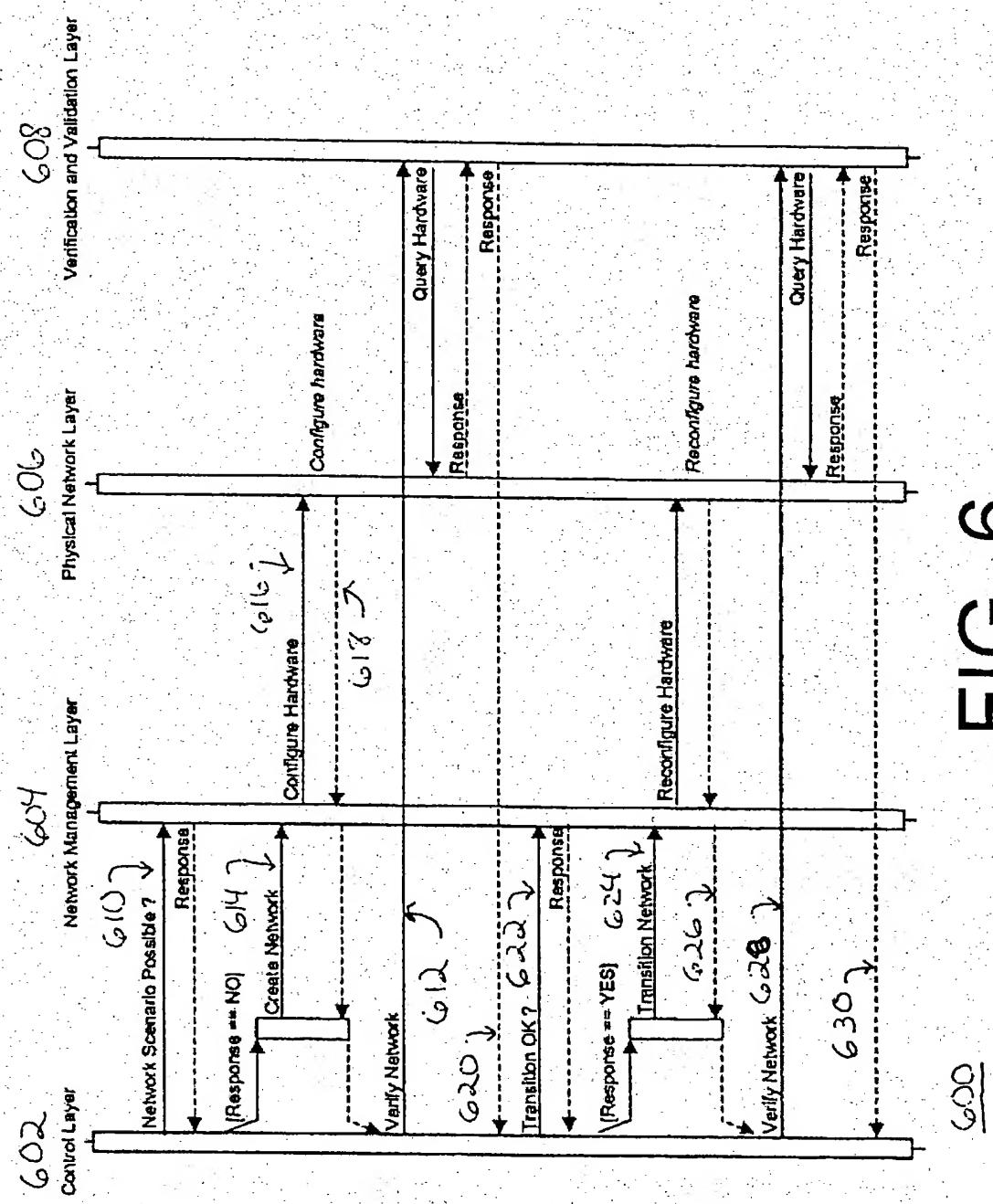


FIG. 6

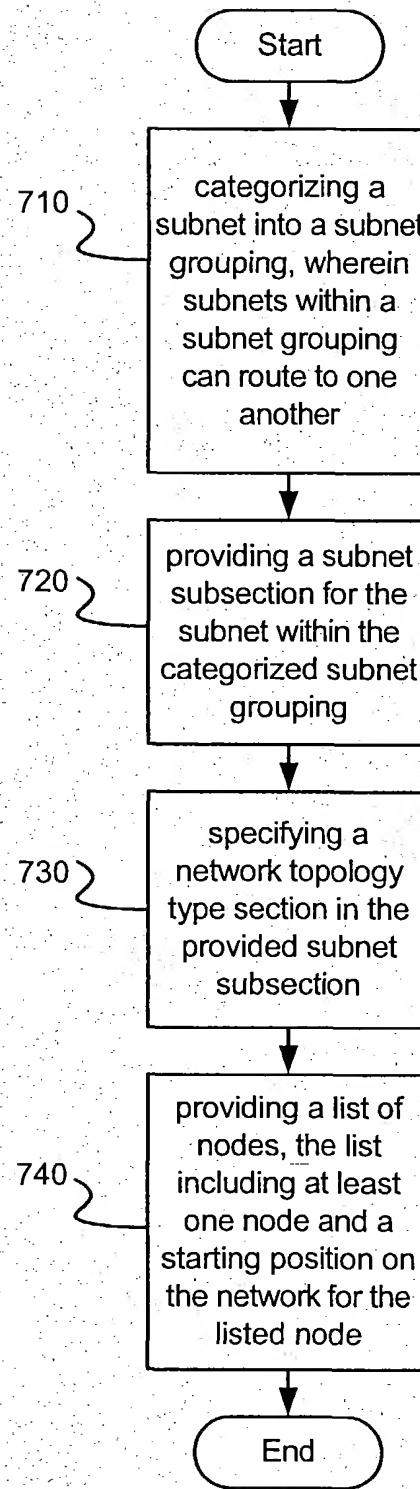


FIG. 7

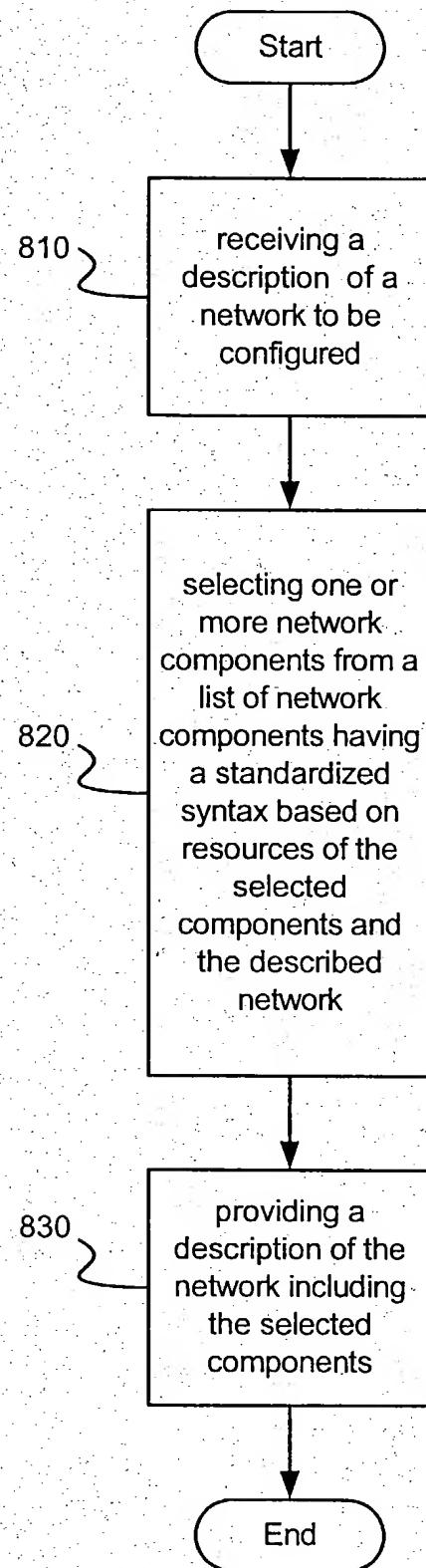


FIG. 8

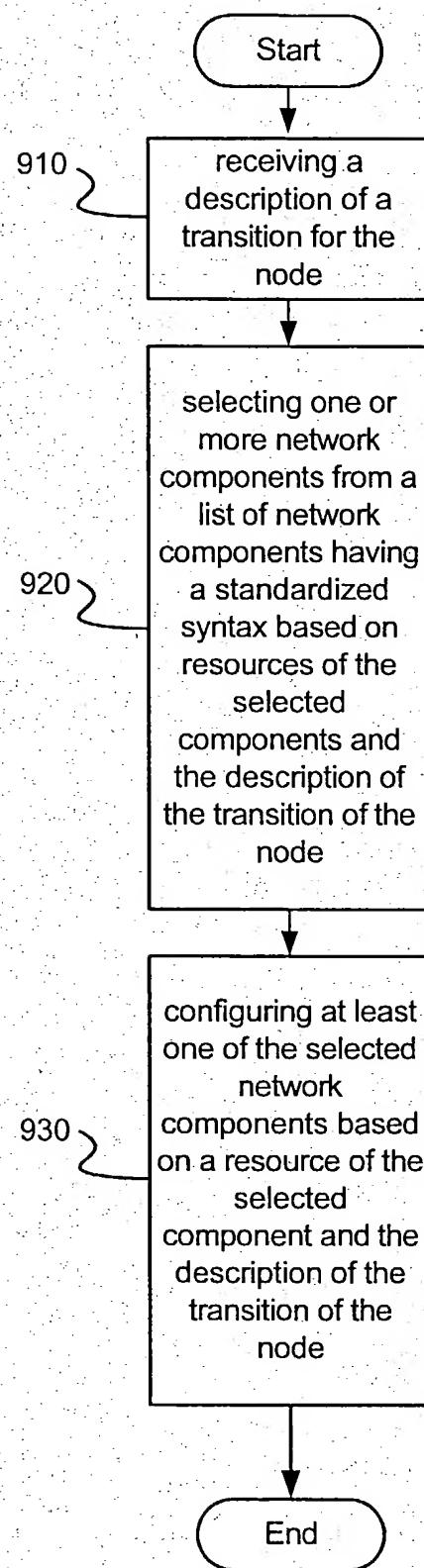


FIG. 9

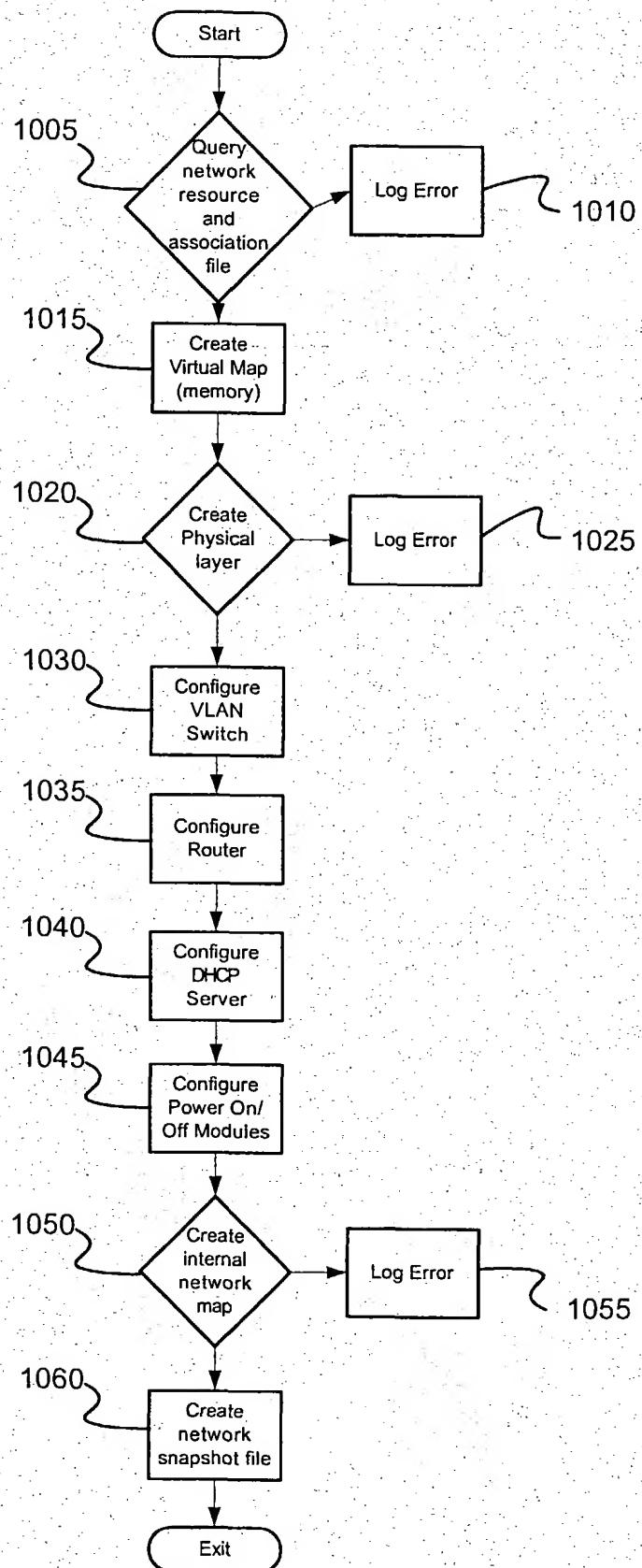


FIG. 10

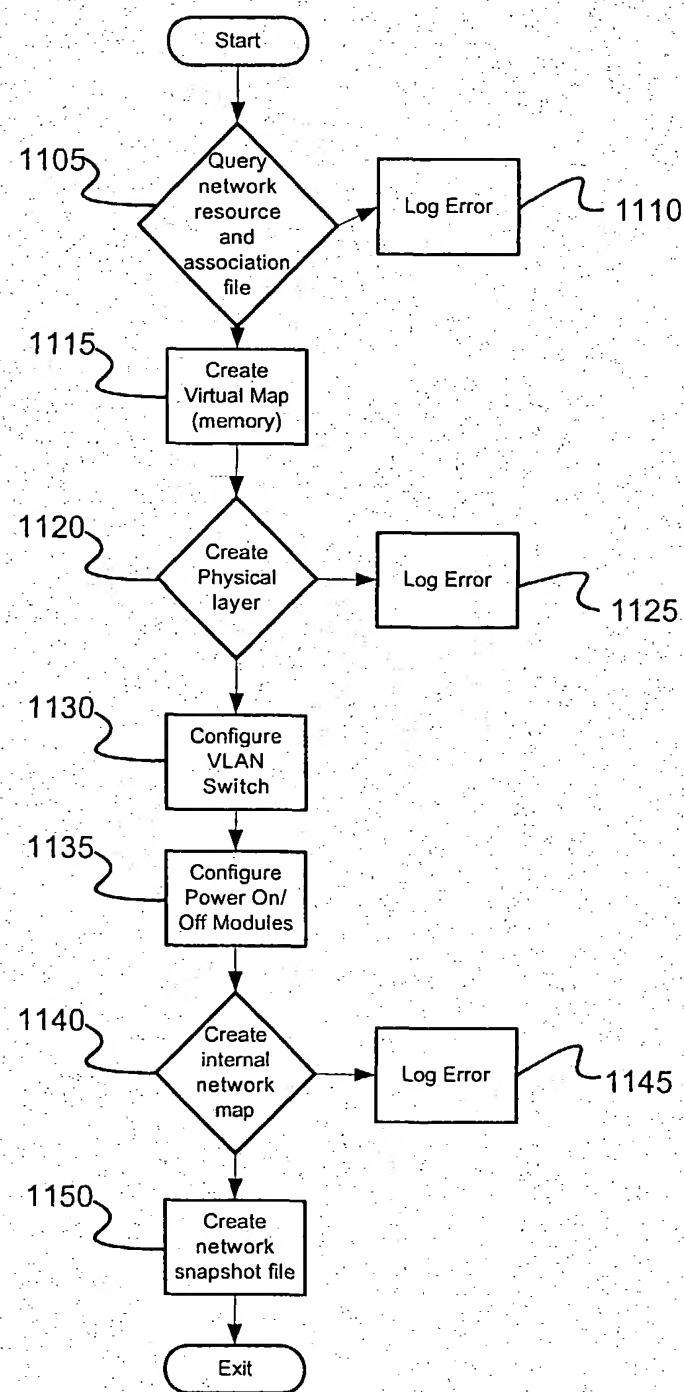


FIG. 11

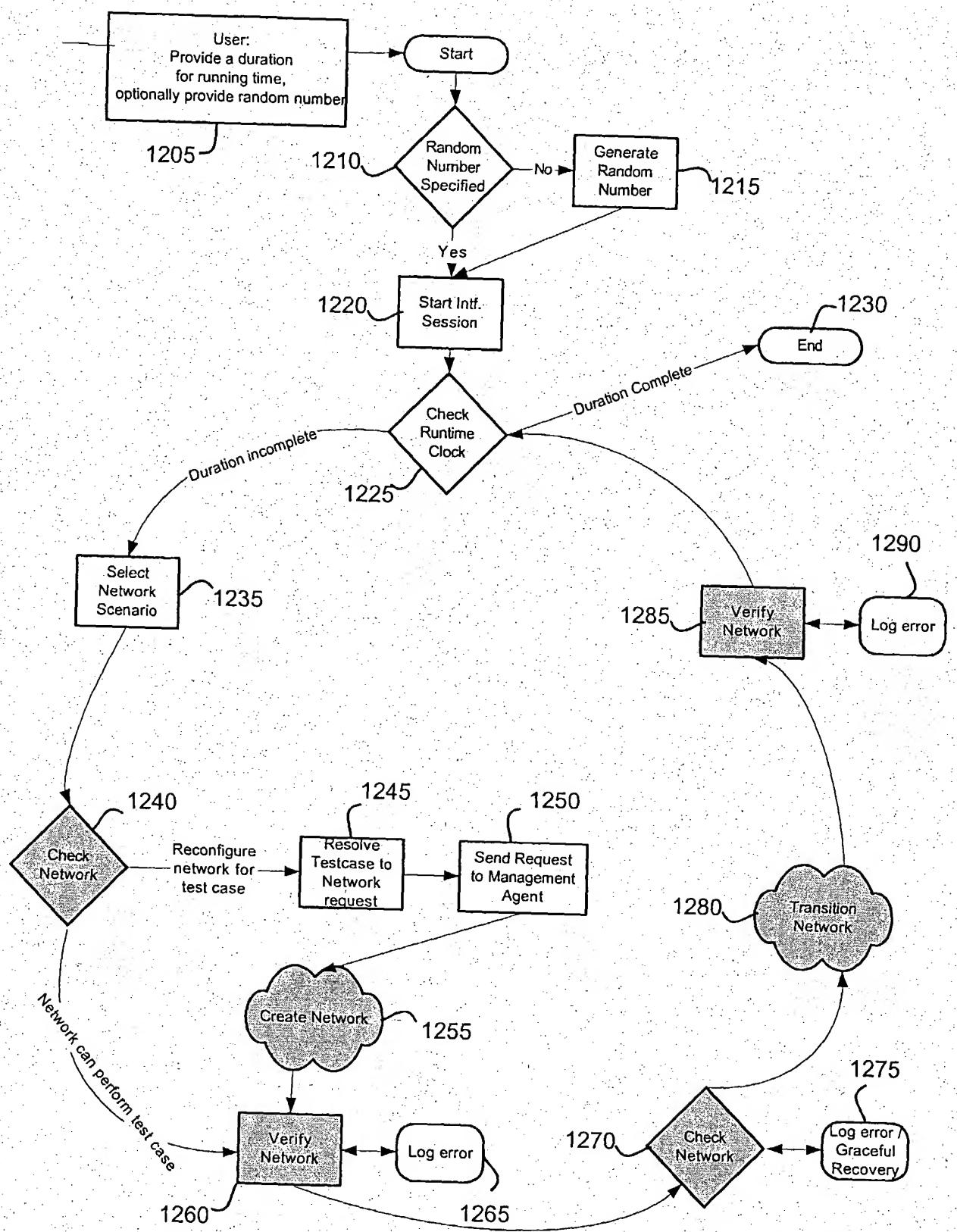
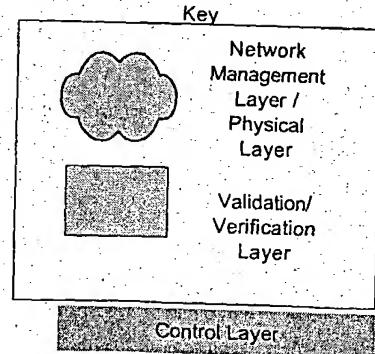


FIG. 12



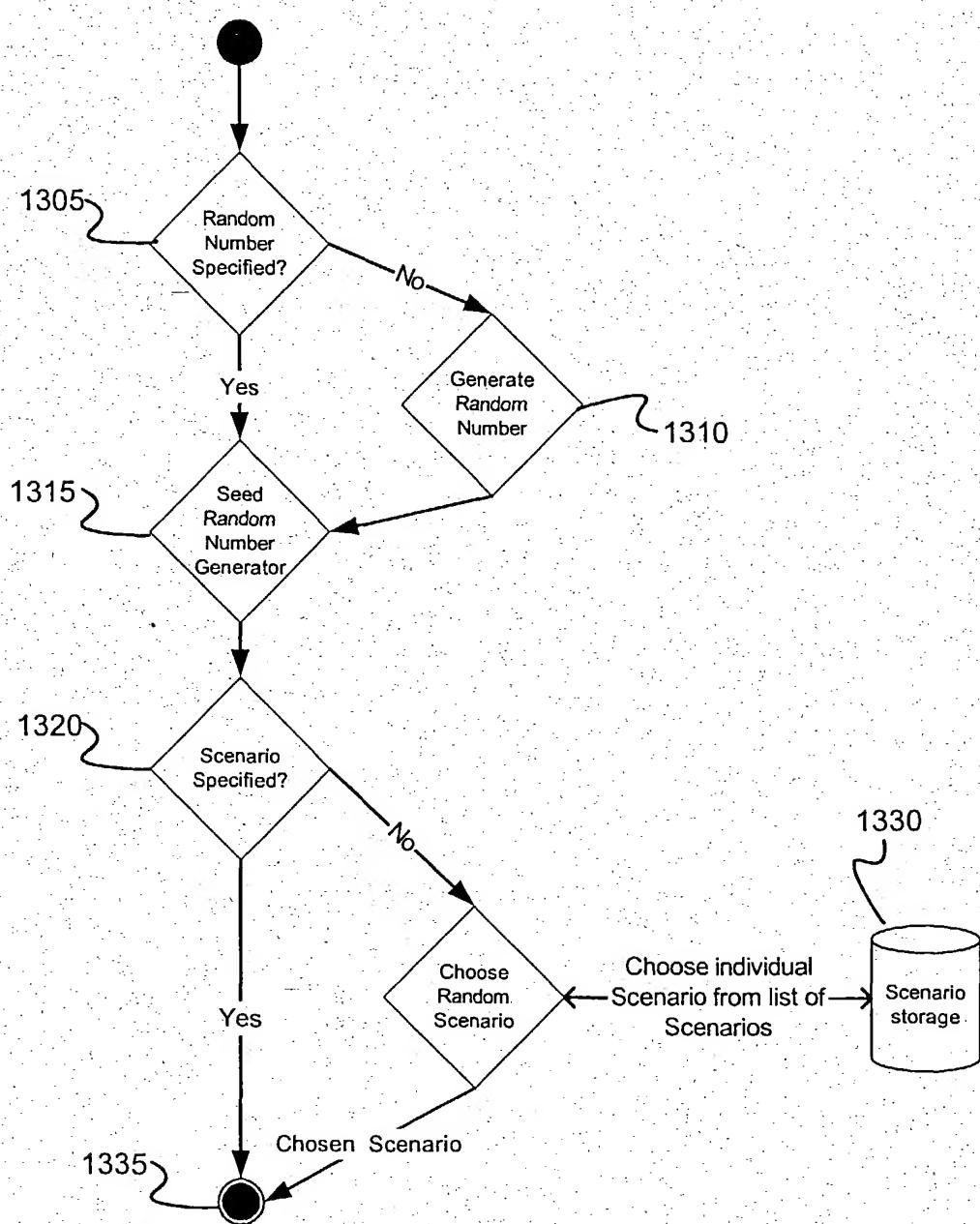


FIG. 13

FIG. 14

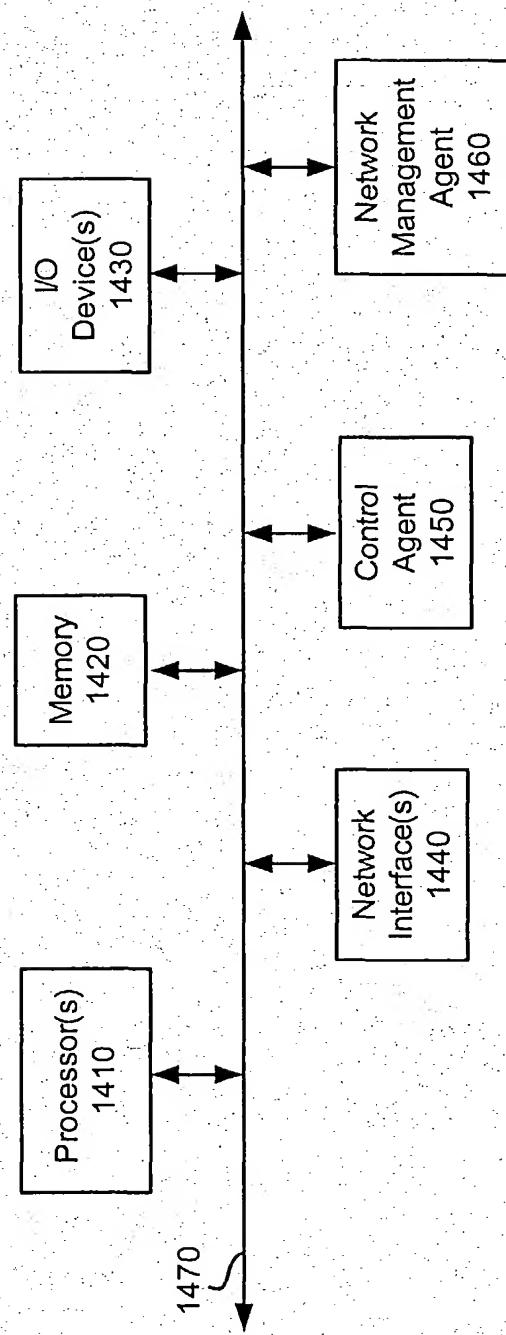


FIG. 15

